

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-118396

(43)Date of publication of application : 23.04.2003

(51)Int.Cl. B60K 1/04  
 B60H 1/03  
 B60H 1/22  
 B60K 11/04  
 B60L 11/18  
 H01M 8/00  
 H01M 8/04  
 // H01M 8/10

(21)Application number : 2001-314744

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(22)Date of filing : 12.10.2001

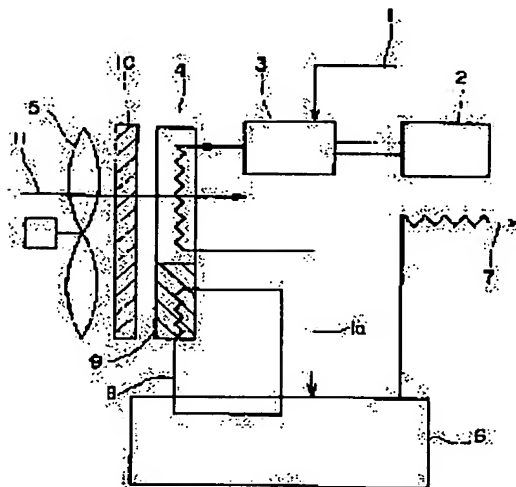
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## (54) FUEL CELL AUTOMOBILE

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To excellently arrange radiators for reducing a size of a fuel cell automobile, in which supply of a compressed air controlled to be about 80° C to a mounted fuel cell main body is necessary, and air-cooled after-cooler is required as a discharge air temperature from an air compressor reaches about 200° C, while a radiator for cooling the fuel cell main body and car-cooler capacitor are also required.

**SOLUTION:** The air-cooled after-cooler 4 for cooling high temperature air from the air compressor 3 and the fuel cell cooling radiator 9 are integrated together and arranged on the cooling air downstream side of the car-cooler capacitor 10. A single cooling fan 5 can be used in common for these radiators. Consequently, a heat radiation system of the fuel cell automobile is reduced in size and weight, and fuel cell automobile can be provided at a low cost.



1 : 外部空気を 7 : 熱管  
 2 : 空気圧調整 8 : 燃料電池本体  
 3 : 空気圧調整 9 : 燃料電池冷却ラジエーター  
 4 : 空圧調整機構 10 : カークーパコンデンサ  
 5 : 冷却ファン 11 : 外部冷却空気を  
 6 : 燃料電池本体

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

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[Patent number]

[Date of registration]

[Number of appeal against examiner's decision  
of rejection]

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decision of rejection]

[Date of extinction of right]